

**APPENDIX S:**

B-18 Sampling Plan

## Appendix S

### B-18 Sampling Plan

Boring Identification (note 4)	Location Relative to B-18	Sample Depth (feet)	PCB Analysis (EPA Method 8082 with Soxhlet Extraction) (note 1)	Disposal Criteria Analysis, including Asbestos Analysis (note 2)
B-18A	Immediately adjacent to B-18	0-2 2-4 4-6	X X X	Composite Composite
B-18-5N	5 feet north of B-18	0-2 2-4 4-6	X X X	Composite Composite
B-18-5S	5 feet south of B-18	0-2 2-4 4-6	X X X	Composite Composite
B-18-5E	5 feet east of B-18	0-2 2-4 4-6	X X X	Composite Composite
B-18-5W	5 feet west of B-18	0-2 2-4 4-6	X X X	Composite Composite
B-18-10N (note 3)	10 feet north of B-18	0-2 2-4 4-6	Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples	
B-18-10S (note 3)	10 feet south of B-18	0-2 2-4 4-6	Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples	
B-18-10E (note 3)	10 feet east of B-18	0-2 2-4 4-6	Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples	
B-18-10W (note 3)	10 feet west of B-18	0-2 2-4 4-6	Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples Hold pending results of 5-foot radius samples	

Notes:

- 1 For samples collected for PCB analysis, place soil samples in 8-ounce amber bottles with screen caps and cool to 4 °C; submit samples to Con-Test Analytical Laboratory of East Longmeadow, MA under chain-of-custody for analysis of PCBs via EPA Method 8082 with Soxhlet extraction. Specify on the chain of custody, the need to achieve S-1 detection limits.
- 2 Submit to Con-Test one composite sample comprised of 0-2 and 2-4 foot intervals of B-18A and 5-foot radius borings, for disposal criteria testing and asbestos testing. Check with Wayne Disposal Inc., of Belleville, MI, and Waste Management of Norridgewolk, Maine, for their required analyses. Submit sample on separate chain of from the PCB soil samples. If insufficient soils are available to create the composite sample, then additional borings should be advance in the immediate vicinity of B-18, to a depth of 4 feet below grade to collect additional soils for the composite sample.
- 3 Submit the 10-foot radius samples to Con-Test at the same time as, but under a separate chain of custody as the B-18A and 5-foot radius samples. Instruct the laboratory to hold these samples **without** extraction. The LSP and Risk Assessor will determine if one or more of the 10-foot radius samples require extraction and analysis.
- 4 THIS SAMPLING PROGRAM MUST BE CONDUCTED AS SOON AS FEASIBLE, AND BEFORE FURTHER EXCAVATION IN THIS AREA OF THE COURTYARD.